2123 #16 BI

Attorney's Docket No. 004120.P005

PATENT

11-6-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Patent Application of:

Jengsheng Jason Cong et al.

Application No.: 09/823,085

Filed: March 29, 2001

For: Method and Apparatus for

Calculation of Crosstalk Noise in

Integrated Circuits

Examiner: Unknown

Art Unit: 2123

RECEIVED

NOV 0 1 2002

Technology Center 2100

Commissioner for Patents Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

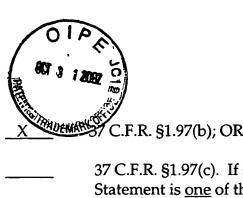
Sir:

7

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):



X OF MANY C.F.R. §1.97(b); OR	
37 C.F.R. §1.97(c). If so, then enclosed with this Info	ormation Disclosure
A statement pursuant to 37 C.F.R. §1.97(e) or	
A check for \$180.00 for the fee under 37 C.F.R. § 1.1	7(p); ORECEIVED
37 C.F.R. §1.97(d):	NOV 0 1 2002
STATEMENT UNDER 37 C.F.R. §1.97(e)_I hereby	Technology Center 2100 certify:
That each item of information contained in Information Disclosure Statement was cited from a foreign patent office in a counterpart not more than three months prior to the filir Disclosure Statement, OR	in a communication t foreign application
That no item of information contained in the Information Disclosure Statement was cited from a foreign patent office in a counterpart and, to the knowledge of the undersigned a reasonable inquiry, no item of information of Information Disclosure Statement was know designated in §1.56(c) more than three months the Information Disclosure Statement.	in a communication t foreign application, ttorney after making contained in the vn to any individual
(2) A check for \$180.00 for the fee under 37 C F R	2 \$1.17(p) for

(2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666. Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: <u> りんしん</u>

Michael J. Mallie, Reg. No. 36,591

12400 Wilshire Blvd. Seventh Floor Los Angeles, CA 90025-1026 (408) 720-8300

FIRST CLASS CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commissioner for Patents, Washington, DC 20231 on

Date: 10-28-02

Name:

Melanie Lyons

			•	••				
Substitute f r F rm 1449A/PTO (Modified)			d)	Complete if Known				
INFORMATION DISCLOSURE			LOSURE	Application Number	09/823,085			
		Filing Date	March 29, 2001					
STATEMENT BY APPLICANT (use as many sheets as necessary)		First Named Inventor:	Jingsheng Jason Cong					
		Group Art Unit	2123					
OCT 3 1 2002 (5)		Examiner Name	Unknow ECEVED					
Sheet	<u>\$</u>	of	1	Attorney Docket Number	004120.P005			
OTHER ART - NO PATENT LITERATURE DOCUMENTS								
Examiner Initials*	Examiner Cite Include name of the author (in CAPITAL LETTERS), title of the article (when a compared by the article (when a co							
	A	KAWAGUCHI, H. et al.: "Delay and Noise Formulas for Capacitively Coupled Distributed RC lines", in Proc. Asia and South Pacific Design Automation Conf., pp. 35-43, 1998.						
117	В	NAKAGAWA, S. et al.: "On-chip Cross Talk Noise Model for Deep-Submicrometer ULSI Interconnect", Hewlett-Packard Journal, vol. 49, pp. 39-45, Aug. 1998.						
,	С			ction and Avoidance of Crossta . 211-218, April 1998.	alk on VLSI Chips", in Proc.			
	D	VITTAL, A. et al.: "Crosstalk Reduction for VLSI", IEEE Trans. On Computer-aided Design of Integrated Circuits and Systems", vol. 16, pp. 290-98, 1997. DEVGAN, A.: "Efficient Coupled Noise Estimation for On-chip Interconnects", in Proc. IEEE/ACM Int. Conf. On Computer Aided Design, pp. 147-153, 1997.						
	E							
	F	SEMICONDUCTOR INDUSTRY ASSOCIATION, "The National Technology Roadmap for Semiconductors", 1997 edition.						
	G			Deep Submicron Digital Design", in Proc. IEEE/ACM Int., pp. 524-531, 1996.				
	Н			ssions for Interconnection Dela n Devices, vol. 40, pp. 118-124				
			V					

Examiner	Date	
Signature	Considered	

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of tim you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.